



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/694,709

10/28/2003

Hok-Sum Horace Luke

223295

5204

41505 7590 08/28/2007

WOODCOCK WASHBURN LLP (MICROSOFT CORPORATION)
CIRA CENTRE, 12TH FLOOR
2929 ARCH STREET
PHILADELPHIA, PA 19104-2891

EXAMINER

KOVALICK, VINCENT E

ART UNIT

PAPER NUMBER

2629

MAIL DATE

DELIVERY MODE

08/28/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/694,709

Applicant(s)

LUKE ET AL.

Examiner

Vincent E. Kovalick

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/28/03.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-31 and 42-48 is/are allowed.
- 6) ☒ Claim(s) 32-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/11/04 & 7/13/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to Applicant's Patent Application, Serial No. 10/694,709, with a File Date of October 28,2003.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
3. Claim 32 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Page 44, Claim 32; sub-paragraph (b) reads "in response to detecting a second pan button press, panning the desktop in a second direction"

Page 45, Claim 32; sub-paragraphs (c) and (d) both read identical to sub-paragraph (b).
4. Claims 33-41 stand rejected in that they are dependent on rejected claim 32.

Minor Informalities

5. Claim 40 is objected to because of the following informalities: Page 47, Claim 40 teaches sub-paragraph "(c)" without citing a sub-paragraph (a) or (b). Appropriate correction is required.

Allowable Subject Matter

6. Claims 1-31 and 42-48 are allowed.
7. The following is an examiner's statement of reasons for allowance:

Relative to claims 1 and 22, the major difference between the teachings of the prior art of record (USP 6,628,243, Lyons et al.; Pub. No. 2002/0077172, Uchiyama et al. and Pub. No. US 2001/0034661), Ferreira) and that of the instant invention is that said prior art **does not teach** a computer-readable medium having computer-executable instructions, the instructions comprising: (a) displaying a desktop on

a display; (b) in response to detecting a map pane display input signal from the user: (1) displaying a map pane over a portion of the desktop, wherein the map pane includes an internal frame; and (2) panning the desktop in response to detecting the cursor dragging the frame within the map pane; (c) in response to detecting the end of the map pane display signal, hiding the map display pane.

Regarding claim 42 the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art **does not teach** a computer-readable medium having computer-executable instructions, the instructions comprising: toggling between a first display state and a second display state in response to a zoom button press, wherein the first display state comprises displaying an entire desktop on a display, wherein the second display state comprises displaying a portion of the entire desktop on the display; and when in the first display state, in response to detecting that the zoom button press is still pressed after a selected time interval: (a) displaying a frame around the portion of the desktop that will be displayed in the second display state; (b) in response to a mouse click, centering the frame around the cursor position; (c) in response to a cursor drag, moving the frame in the direction of the cursor drag; and (d) in response to detecting that the zoom button is no longer pressed, toggling to the second display state.

Relative to claim 46 the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art **does not teach** a computer-readable medium having computer-executable instructions, the instructions comprising: toggling between a first display state and a second display state in response to a zoom button press, wherein the first display state comprises displaying an entire desktop on a display, wherein the second display state comprises displaying a portion of the entire desktop on the display; when in the second display state: (a) in response to a pan button press and a cursor drag, panning the desktop in the direction of the cursor drag; when in the first display state: (b) in response to a pan button press: (1) displaying a frame around the portion of the desktop that will be displayed in the second display state; (2) in response to a mouse click, centering the frame around the cursor position; (3) in response to a cursor drag, moving the frame in the direction of the cursor drag; and (4) in response to detecting that the pan button is no longer pressed, toggling to the second display state.

Art Unit: 2629

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No.	6,628,243	Lyons et al.
Pub. No.	US 2002/0077172	Uchiyama et al.
Pub. No.	US 2001/0034661)	Ferreira

Art Unit: 2629


To Respond

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E. Kovalick whose telephone number is 571-272-7669. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Vincent E. Kovalick
August 24, 2007


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600